

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended): A key word deriving device comprising:

a document data acquiring section for acquiring document data each having a parameter previously added thereto and for registering said document data including words and said parameter to a document table;

a document data dividing section for dividing the acquired document data for each type of the parameter by distinguishing the types of parameters of the document data ,

and for generating a word list of words contained in the divided data and their statistical amounts;

a word table registering section for calculating and registering, in a word-count table, the statistical amounts of the words in the divided data having the same type of the parameter added thereto by referring to the word list;

an importance table registering section for calculating an importance of each word ~~in accordance with a preliminary prepared importance calculation formula~~ based on a ratio of the count value of a word in a corresponding parameter type to the number of documents in the parameter type, divided by the ratio of the count value of the word for other parameter types to the number of documents for the other parameter types, said count value of a word for a corresponding parameter type being obtained by referring to the word-count table, and for registering the importance of each word in an importance table; and

a keyword deriving section for deriving a word having a higher importance as a key word by referring to the importance table.

Claim 2 (Original): The key word deriving device of claim 1, wherein the document data dividing section uses a parameter including an attribute information preliminarily added to each document data for distinguishing the document data registered in a file.

Claim 3 (previously presented): The key word deriving device of claim 1, wherein the importance table registering section further includes an importance calculating section for performing the same importance calculation for the words registered in a plurality of word-count tables.

Claim 4 (Original): The key word deriving device of claim 1, wherein the key word deriving section derives a key word for each of the divided data having the same type of a parameter added thereto.

Claim 5 (previously presented): The key word deriving device of claim 1, wherein the key word deriving section accumulates the importances registered in a plurality of importance tables and derives a key word for the whole document data in accordance with the accumulated importances.

6 (currently amended): A key word deriving method comprising the steps of:
acquiring document data each having a parameter previously added thereto;
dividing the acquired document data for each type of the parameter added to
the document data;

performing a partial statistical process for words included in each of the
divided document data;

calculating an importance of each word subjected to the partial statistical
process for each of the divided document data, based on a ratio of a count value of
a word in a corresponding parameter type to the number of documents in the
parameter type, divided by the ratio of a count value of the word for other
parameter types to the number of documents for the other parameter types; and

deriving a word having a higher importance as a key word for each of the
divided document data.

Claim 7 (currently amended): A storage medium containing a key word
deriving program that causes a computer operation to perform:

a document data acquiring function for acquiring document data each
having a parameter previously added thereto and for registering said document
data including words and said parameter to a document table;

a document data dividing function for dividing the acquired document data for each type of the parameter by distinguishing the types of parameters of the document data ,

and for generating a word list of words contained in the divided data and their statistical amounts;

a word table registering function for calculating and registering, in a word-count table, the statistical amounts of the words in the divided data having the same type of a parameter added thereto by referring to the word list;

an importance table registering function for calculating an importance of each word ~~in accordance with a preliminary prepared importance calculation formula~~ based on a ratio of the count value of a word in a corresponding parameter type to the number of documents in the parameter type, divided by the ratio of the count value of the word for other parameter types to the number of documents for the other parameter types, said count value of a word for a corresponding parameter type being obtained by referring to the word-count table, and for registering the importance of each word in an importance table; and

a keyword deriving function for deriving a word having a higher importance as a key word by referring to the importance table.

Claim 8 (canceled).